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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

plicant: Serial No.:

Alexander Gutsol 10/531,129

Conf. No.:

Filed: For: 3/24/2003

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METHOD FOR ABATEMENT OF VOC IN EXHAUST GASES BY WET PULSE

CORONA DISCHARGE

Art Unit: 1

1754

I hereby certify that this paper is being deposited with the United States Postal Service as FIRST-CLASS mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this data

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Date F-CLASS.WCM Registration No. <u>35/3</u>
Attorney for Applicant(s)

Appr. February 20, 1998

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

This IDS is submitted under 37 C.F.R. §1.97(b) within either of the following time periods, whichever occurs last:

- (a) within three months of either the filing date of the national application or the date of entry into the national stage; or
- (b) before the mailing date of first office action on the merits (i.e., not including actions such as restriction requirements).

Applicant(s) submit herewith Form PTO-1449 (Information Disclosure Citation) together with copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 C.F.R. §1.56. Applicant(s) respectfully submit that the citation of any reference on Form PTO-1449 does not constitute an admission that the reference qualifies as prior art.

It is requested that the information disclosed on the enclosed Form PTO-1449 be made of record in this application.

The Commissioner is hereby authorized to charge any additional fees which may be required to this application under 37 C.F.R.§§1.16-1.17, or to credit any overpayment, to Deposit Account No. 07-2069. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

GREER, BURNS & CRAIN, LTD.

November 8, 2005

Ву

Steven P. Fallon

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PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known		
Application Number	10/531,129	
Filing Date	07/26/2005	
First Named Inventor	Alexander Gutson	
Art Unit	1754	
Examiner Name		
Attorney Docket Number	4264.73438	

			U. S. PATEN	T DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (f known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
NN/	 	^{US-} 4,695,358	9/22/1987	Mizuno et al.	
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FOREIGN PATENT DOCUMENTS						
Examiner Cite	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
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Examiner Signature	/Ngoc Yen Nguyen/ (08/18/2008)	Date Considered	08/18/2008

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This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08B (08-03)

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INFORMATION DISCLOSURE				Filing Date	07/26/2005
STATEMENT BY APPLICANT			PPLICANT	First Named Inventor	Alexander Gutson
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(Ost as many sheets as meetssary)			ecessary,	Examiner Name	
Sheet	2	of	2	Attorney Docket Number	4264.73438

	NON PATENT LITERATURE DOCUMENTS	
Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
	S. Masuda et al., "Novel Plasma Chemical TechnologiesPPCP and SPCP for Control of Gaseous Pollutants and Air Toxics", Journal of Electrostatics, Vol. 34, No. 4, May 1995, pp. 415-438.	
-	S. Futamura et al., "Towards Understanding of VOC Decomposition Mechanisms Using Nonthermal Plasmas", Industry Applications Conference, 1995. Thirtieth IAS Annual Meeting, IAS '95., Conference Record of the 1995 IEEE, Orlando, FL, Oct. 8-12, 1995, Vol. 2, Oct. 8, 1995, pp. 1453-58.	
	M.G. Grothaus et al., "Gaseous Effluent Treatment Using a Pulsed Corona Discharge", Digest of Technical Papers. Tenth IEEE International Pulsed Power Conference, Vol. 1, 1995, pp. 124-132.	
		Cite No.1 Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. S. Masuda et al., "Novel Plasma Chemical Technologies—PPCP and SPCP for Control of Gaseous Pollutants and Air Toxics", Journal of Electrostatics, Vol. 34, No. 4, May 1995, pp. 415-438. S. Futamura et al., "Towards Understanding of VOC Decomposition Mechanisms Using Nonthermal Plasmas", Industry Applications Conference, 1995. Thirtieth IAS Annual Meeting, IAS '95., Conference Record of the 1995 IEEE, Orlando, FL, Oct. 8-12, 1995, Vol. 2, Oct. 8, 1995, pp. 1453-58. M.G. Grothaus et al., "Gaseous Effluent Treatment Using a Pulsed Corona Discharge", Digest of

Examiner	/Ngoc Yen Nguyen/ (08/18/2008)	Date	08/18/2008
Signature	,	Considered	

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¹ Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: